2011 ZSTAR 110cc - 5 PIN

All factory switches replaced, no lights included in this system.

+ −

15A Fuse

12V - 7Ah

ENG. GROUND POST

15A Fuse

Starter Solenoid

10A Fuse

4-Pole Terminal Strip

Starter Motor Switch

Ground wires from start solenid, CDI, ignition coil, switches.

Start Solenoid Control

Engine Wires Connector

5 PIN CDI

Rectifier

Simplified Motorcycle Turn Signal & Horn Diagram

Horn

Left

Signal Switch

Button

Right

Flasher
Unit

10
AMP

12 V

+

−

Acc Power Switch

30
AMP

Mini USB Cable

+5V

Pre-existing acc

1.

OUTPUT

GROUND

+12V

INPUT

7805 Voltage Regulator
(LM7805AC shown - top view)
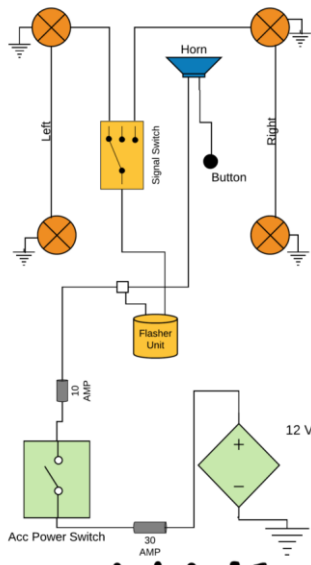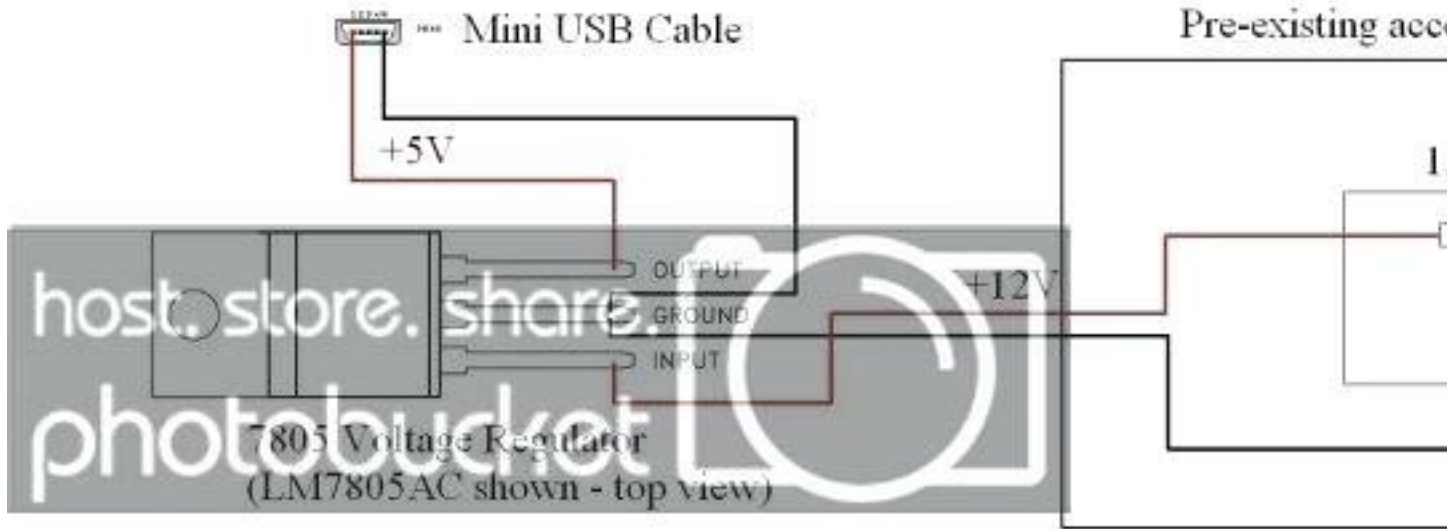
Pin	Name	Cable color	Description
1	VCC	Red	+5 VDC
2	D-	White	Data -
3	D+	Green	Data +
4	GND	Black	Ground

USB Cable

A

(not to scale

68mm

DC36V/48V 350W 6 Mosfets

100mm

4inch

125mm

END PLATE

30mm

Turn Signal
Blinker Relay

BRAKE LEVER
WITH SWITCH

ON

OFF

Hazard
Switch

Turn Signal
Blinker Relay

BRAKE LEVER
WITH SWITCH

RIGHT

Turn
Signal
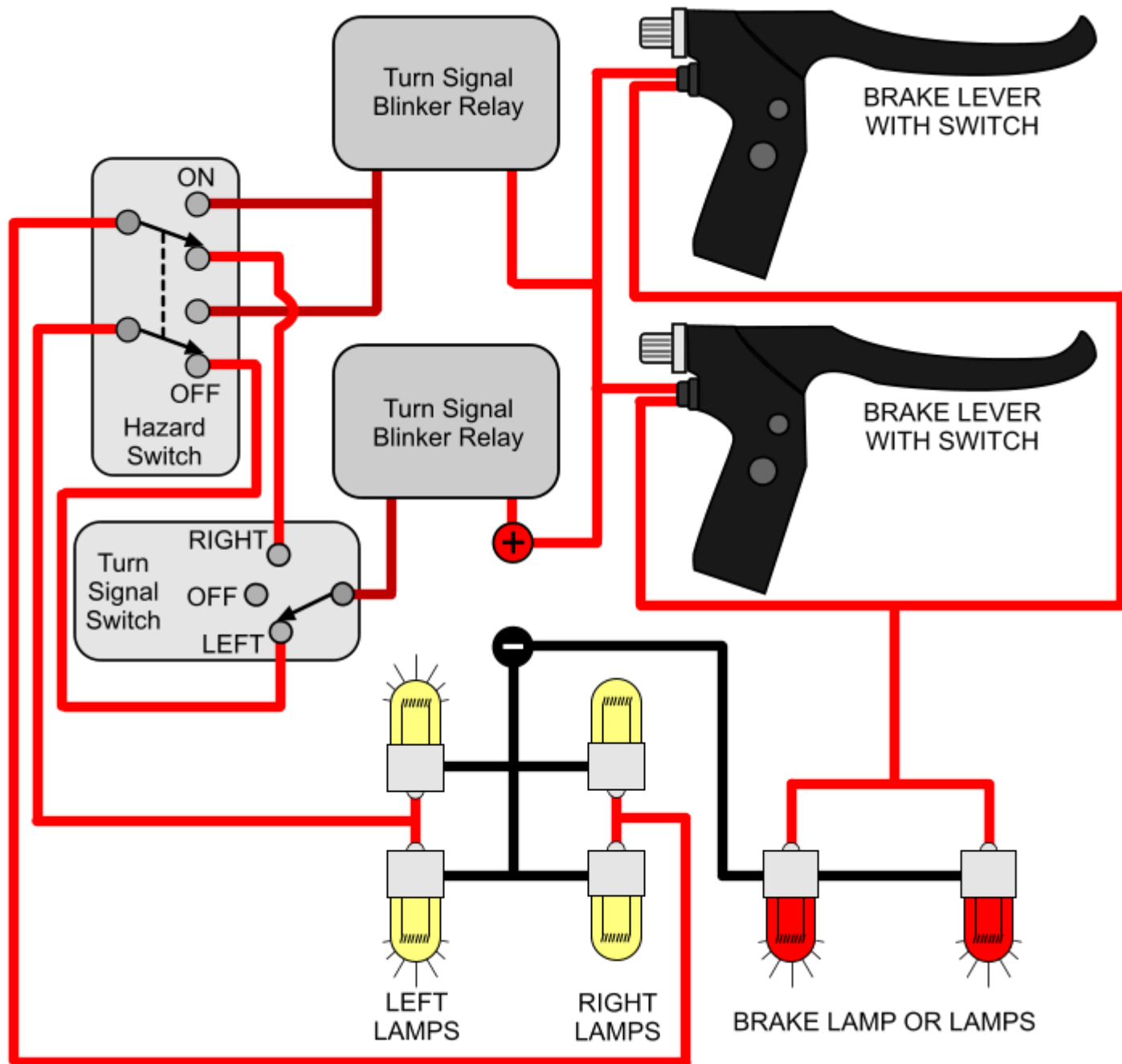Switch

OFF

LEFT

+

−

LEFT
LAMPS

RIGHT
LAMPS

BRAKE LAMP OR LAMPS
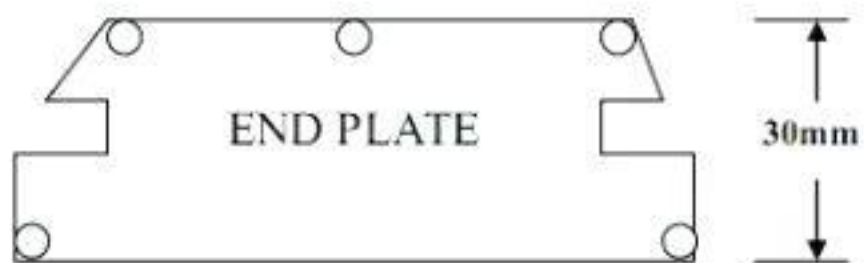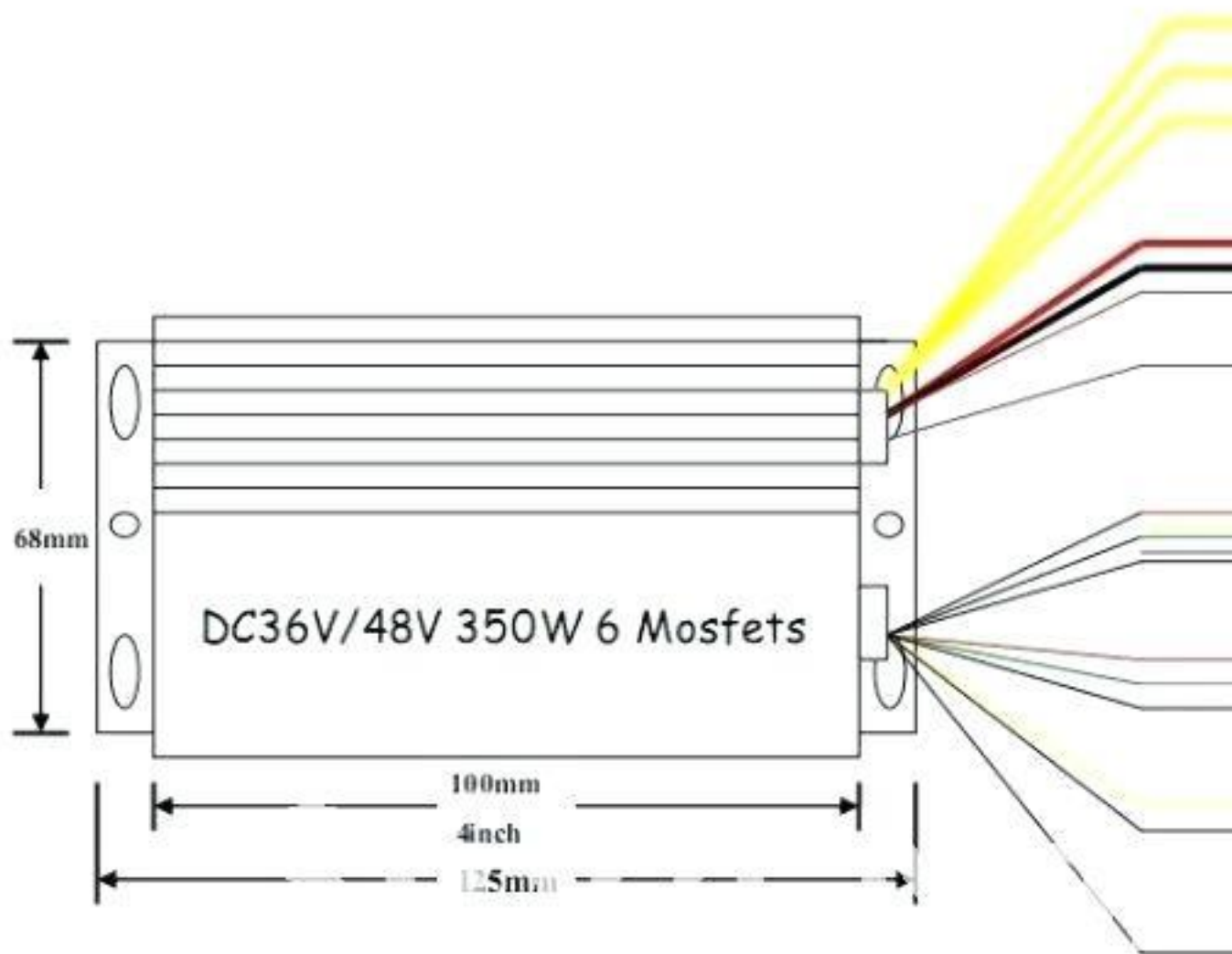
Honda RC51
Front Fairing
LED Lighting
Wiring Diagram

Right Turn Signal - Proton
Black=Ground
Red = Running Light
Yellow = Strobe/Blink

NOTES:
While running, red wires are energized, lighti
running lights. The diode denies power flow t
so blink/strobe does not operate.

When turn signal switch is moved, power is re
wires and yellow wire is energized, lighting th
diode also allows power to flow into red wire
eyebrows and running lights at the same tim

Right Side Bike Connectors

Right Eyebrow Light
LED Two Wire:
Power & Ground

Note: If eyebrow LED
fails to illuminate,
rotate the bulb 180
degrees in socket

Radioshack 276-1143
200v 3amp Diodes

Test and verify proper diode orientation a
operation prior to soldering any connecti

Left Eyebrow Light
LED Two Wire:
Power & Ground

Left Side Bike Connectors

Left Turn Signal - Proton
Black=Ground
Red = Running Light
Yellow = Strobe/Blink